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|---------------|-----------------|-----------------------|--------------------|--------------|--------------------|----------------|---------------|
| $3x \cdot 4y$ | $(3x+2y)(4x+y)$ | $12x^2 + 11xy + 2y^2$ | $x^2 + x^3$ | $x^2(1+x)$ | $x^8 \div x^2$ | x^6 | $x(3x-4y)$ |
| $3x^2 - 4xy$ | $(3x+y)(4x+2y)$ | $12x^2 + 10xy + 2y^2$ | $x^2 \cdot x^3$ | x^5 | $5x^4 - 4x^4$ | x^4 | $x(4x-3y)$ |
| $4x^2 - 3xy$ | $(x+2y)(3x+4y)$ | $3x^2 + 10xy + 8y^2$ | $y^3 + y^5$ | $y^3(1+y^2)$ | $x^{24} \div x^3$ | x^{21} | $2x(3x-4y)$ |
| $6x^2 - 8xy$ | $(x+4y)(3x+2y)$ | $3x^2 + 14xy + 8y^2$ | $y^3 \cdot y^5$ | y^8 | $x^{16} \div x^2$ | x^{14} | $x(5x-2y)$ |
| $5x^2 - 2xy$ | $(x+2y)(3x-4y)$ | $3x^2 + 2xy - 8y^2$ | $x^3 \cdot x^4$ | x^7 | $(2x+3y) \cdot 4y$ | $8xy + 12y^2$ | $2x^2(5x-3x)$ |
| $4x^3$ | $(x-4y)(3x+2y)$ | $3x^2 - 10xy - 8y^2$ | $x^2 \cdot x^{10}$ | x^{12} | $y(6x+7y)$ | $6xy + 7y^2$ | $x(8x-4x)$ |
| $4x^2$ | $(2x+3y)(4x+y)$ | $8x^2 + 14xy + 3y^2$ | $3x(x+2y)$ | $3x^2 + 6xy$ | $(4x+5y) \cdot 6y$ | $24xy + 30y^2$ | $5x + 10y$ |
| $5(x+2y)$ | $(4x+3y)(2x+y)$ | $8x^2 + 10xy + 3y^2$ | $x(3x+5y)$ | $3x^2 + 5xy$ | $y(10x+11y)$ | $10xy + 11y^2$ | $15xy$ |
| $5x \cdot 3y$ | $(3x+y)(2x+4y)$ | $6x^2 + 14xy + 4y^2$ | $2y(x+4y)$ | $8y^2 + 2xy$ | $2xy(3x+4y)$ | $6xy + 8xy^2$ | $8x + 3y$ |
| $3(3x+y)$ | $(2x+y)(3x+4y)$ | $6x^2 + 11xy + 4y^2$ | $2y(x+3y)$ | $6y^2 + 2xy$ | $xy(5x+6y)$ | $5xy + 6xy^2$ | $12xy$ |